Power Generation in Hydro and Thermal Sectors

†*640. SHRI KAPIL SIBAL:
DR. D. MASTHAN:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that Government have decided to revise the existing ratio of power generation in hydro and thermal sectors from 26:74 to 40:60 in the country;

(b) if so, by when the power generation as per the above average is proposed to be started in the country;

(c) whether Government have made any assessment of benefits of power production to be obtained as per the above average; and

(d) if so, the details thereof?

THE MINISTER OF POWER AND MINISTER OF MINES AND MINERLS (SHRI P. R. KUMARAMANGALAM): (a) to (d) Despite hydro-electic projects beings recognised as the most economic and preferred source of electricity, share of hydro power has been declining steadily since 1963. The constraints which have affected hydro development are technical (difficult investigation, inadequacies in tunneling methods), financial (deficiencies in providing long term financing), tariff related issues and managerial weaknesses (poor contract management). The hydro projects are also affected by geological surprises (especially in the Himalayan region where underground tunneling is required), inaccessibility of the area, problems due to delay in land acquisition, and resettlement of project affected families, law and order problem in militant infested areas.

The Government had announced a Policy on Hydro Power Development in August, 1998 with the objective of accelerating the pace of hydro power development in the country. An improvement in the hydel-thermal mix is proposed to be achieved by (i) completion of the on-going hydro-electric project (ii) initiating advance action for obtaining necessary approvals in respect of new hydro-electric projects for which Detailed Project Report (DPR) is available; and (iii) initiating work on survey and investigation in respect of new green field sites to enable preparation DPR so that necessary approvals could be obtained and projects taken up for execution in a phased manner.

†Original notice of the question was received in Hindi.

Advance action has been taken on fresh starts under Central Sector, as a result of which a number of new hydro projects have been approved namely Tuirial (60MW) Mizoram; Chamera-II (300 MW) H.P.; Teesta-V (510 MW) loktak Downstream (90 MW) Manipur; Koteshwar (400 MW) U.P.; Development of Projects in the Parbati Basin (2051 MW); and Dihang and Subansiri Basin (20700 MW). National Thermal Power Corporation has also entered into an agreement with Himachal Pradesh for execution of Kol Dam Project (800 MW). Simultaneously, advance action has been initiated on a number of other hydro electric projects nakely Kameng (600 MW) Arunchal Pradesh; Tuivai (210 MW) Mizoram; Tipaimukh (1500 MW) Manipur; Lower Kopili (150 MW) Assam; Teesta Projects Stage-III, IV and VI (2055 MW) Sikkim; Pala Meneri (416 MW) U.P.; Lohari Nag (520 MW) U.P.; Rampur (800 MW) H.P., which will all yield capacity or more than 25,000 MW during the time frame of 11th Plan (2007-12) and beyond.

Efforts are also being made to arrive at a consensus amongst basin States regarding location of power projects locked up due to inter-State disputes, namely, Shivasamudram 270 MW, Mekedatu 550 MW, Rasimanal 200 MW and Hogenakkal 120 MW in Cauvey baisn. Similarly, Renuka Dam Project 60 MW and Kishau Multipurpose Project (600 MW) are also being pursued for an early execution.

Government is also committe to complete hydro-electric schemes languishing for a number of years for want of funds. An MoU with Government of U.P. has been signed recently in pursuance of which Government of U.P. will jointly execute Maneri Bhali Stage-II (304 MW) and Lakwar Vyasi (420 MW) with THDC and NHPC respectively.

A massive thrust is proposed to be given for hydro development by starting work on preparing DPRs in respect of hydro projects involving capacity of about 30000 MW in the next 5 years.

WRITTEN ANSWERS TO UNSTARRED QUESTIONS

Rise in Killing of their Colleagues in Security Forces

4717. SHRI R.S. GAVAI Will the Minister of DEFENCE be pleased to state:

(a) whether the incidents of killing colleagues in security forces are increasing in Indian army;

(b) if so, the number of such incidents during the last three years particularly in Jammu and Kashmir;